

California Weather-Hydro Conditions during October 2014

As of October 31, statewide hydrologic conditions were as follows: precipitation, 75 percent of average to date; runoff, 65 percent of average to date; and reservoir storage, 55 percent of average for the date. Sacramento River Region unimpaired runoff, for Water Year 2015, observed through October 31, 2014 was about 0.3 million acre-feet (MAF), which is about 68 percent of average. In comparison to Water Year 2014, the observed Sacramento River Region unimpaired runoff through October 31, 2013 was about 0.3 MAF, or about 68 percent of average.

On October 31, the Northern Sierra 8-Station Precipitation Index Water Year total was 2.7 inches, which is about 90 percent of the seasonal average to date and 5 percent of an average water year (50.0 inches). During October, the total precipitation for the 8-Stations was 2.7 inches, or about 90 percent of average for the month. Last year on October 31, the Water Year 2013 seasonal total for the 8-Stations was 0.7 inches, or about 23 percent of average.

On October 31, the San Joaquin 5-Station Precipitation Index Water Year total was 0.1 inches, which is about 5 percent of the seasonal average to date and 0.2 percent of an average water year (40.8 inches). During October, the total precipitation for the 5-Stations was 0.1 inches, or about 5 percent of average for the month. Last year on October 31, the Water Year 2013 seasonal total for the 5-Stations was 0.9 inches, or about 43 percent of average.

Selected Cities Precipitation Accumulation as of 10/31/2014 (National Weather Service Water Year: July through June)					
City	Jul 1 to Date 2014 – 2014 (in inches)	% Avg	Jul 1 to Date 2013 – 2013 (in inches)	% Avg	% Avg “Water Year” Jul 1 to Jun 30 2014- 2015
Eureka	7.87	237	3.27	98	20
Redding	5.59	186	1.40	47	16
Sacramento	0.89	69	0.59	46	5
San Francisco	1.10	79	0.43	31	5
Fresno	0.19	23	0.04	5	2
Bakersfield	0.01	2	0.03	7	0
Los Angeles	0.19	22	0.05	6	1
San Diego	0.08	10	0.30	39	1

Key Reservoir Storage (1,000 AF) as of 10/31/2014								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	562	1,591	35	2,448	23	---	1,886
Shasta Lake	Sacramento	1,109	2,674	41	4,552	24	-2,783	3,443
Lake Oroville	Feather	954	2,127	45	3,538	27	-2,209	2,584
New Bullards Bar Res	Yuba	390	541	72	970	40	-406	576
Folsom Lake	American	305	498	61	977	31	-419	672
New Melones Res	Stanislaus	513	1,340	38	2,400	21	-1,457	1,907
Don Pedro Res	Tuolumne	756	1,309	58	2,030	37	-934	1,274
Lake McClure	Merced	90	449	20	1,032	9	-584	935
Millerton Lake	San Joaquin	175	195	90	520	34	-260	345
Pine Flat Res	Kings	113	345	33	1,000	11	-646	887
Isabella	Kern	45	164	28	568	8	-125	523
San Luis Res	(Offstream)	394	1,080	36	2,041	19	---	1,645

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for November 2014, issued October 31, 2014, suggests no tendency for above or below average rainfall for all of California.